

# Photon Life PK31

Photon Life PK31 Home Projector

PHOTON<sup>®</sup>  
LIFE



- **Photon Life - Perfect for any room in the house**
- **4K UHD RGB LED Technology - 900 lumens that brings bold and clear visuals. Perfect for movie nights or gaming with friends, the Photon Life 100 delivers stunning performance with up to 30,000 hours of virtually maintenance-free viewing.**
- **Quick and easy setup - Lightweight design with Auto vertical keystone for simple and flexible setup**
- **Built in speaker - No need for extra equipment with the 5W built-in speaker**



Bring 4K to any room with the Optoma Photon Life PK31. Enjoy ultra-sharp visuals with 900 ISO lumens, HDR, and 90% DCI-P3 colour. With LED tech, 30,000 hours of virtually maintenance-free viewing, built-in audio & easy setup—cinema just got portable.

## Specifications

UPC: 796435 44 806 6, EAN: 5055387668966, Colour: Black

### Display/image

Display technology	DLP®
Resolution	UHD (3840x2160)
Brightness	900 lumens
Brightness (HK)	1,600
Contrast ratio	200,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3, 16:9
Keystone correction - vertical	30°
Has vertical auto keystone correction	Yes
Horizontal scan rate	23-240Khz
Vertical scan rate	15-255Hz
Uniformity	90%
Screen size	1.52m ~ 3.81m (60" ~ 150") diagonal



### Lamp info

Light source type	3 LED
LED life	30,000 hours

### Optical

Throw ratio	1.5:1 ~ 1.65:1
Projection distance (m)	1.99m - 5.47m
Zoom	1.1
Zoom type	Manual
Focal length (mm)	15.8 ~ 17.4
Native offset	105%

### Connectivity

Connections	Inputs 1 x HDMI 2.0 Outputs 1 x USB-A power 2A, 1 x Audio 3.5mm
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### General

Noise level (min)	30dB
Noise level (max)	32dB
PC compatibility	VGA_60, VGA_72, VGA_75, VGA_85, VGA_120, SVGA_56, SVGA_60, SVGA_72, SVGA_75, SVGA_85, SVGA_120, XGA_60, XGA_70, XGA_75, XGA_120, SXGA_75, SXGA_85, SXGA_60, SXGA_72, SXGA_75, SXGA_85, QuadVGA_75, SXGA_+, 60, UXGA_60, Mac G4, MAC13, Mac G4, Mac G4, MAC19, MAC21, WXGA_60, WXGA_75, WXGA_85, WXGA_60, WXGA_60, WXGA_120-RB, WXGA_+, 60, 1680x1050_60, 1920x1080_RB, 1920x1080_EIA, 1920x1080_120, 1920x1080_240, 1920x1200-RB, 2560x1440_60 (RB), 2560x1440_120 (RB), 3840x2160_30, 3840x2160_60

### 2D compatibility

480i, 480p, 576i, 576p, 720p_60, 720p_50, 1080i_60, 1080i_50, 1080p, 2160/24P, 2160/25P, 2160/30P, 2160/50P, 2160/60P
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### 3D compatibility

Yes
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### 3D

Full 3D
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### Security

Kensington Lock
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### IP rating

IP5X (Optical Engine only)
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### OSD / display languages

25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
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### 24/7 operation

Yes
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### 360° operation

Yes
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### Operating conditions

Operating Altitude: Without high altitude mode, 0°C~35°C@1499m above sea level. With high altitude mode, 0°C~30°C@1500m~3000m above sea level. Non-Operating Altitude: 30°C@0~12,200m above sea level.
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### Remote control

Yes
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### Speaker count

1
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### Watts per speaker

5W
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### In the box

Adaptor (150W) Remote control Basic user manual 2x AAA Battery HDMI Cable
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### Input lag

4.60ms
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### Power

Power supply	VAC 100-240V (50/60Hz)
Power consumption (standby)	0.5W
Power consumption (min)	53W
Power consumption (max)	110W

### Weight and dimensions

Dimensions (W x D x H) mm	238 x 215 x 130
Gross weight	4 kg
Net weight	2.2 kg